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### REMARKS

Claims 1-20 are amended herein. Claims 1-20 remain in the application. No new matter has been added. Consideration and examination is respectfully requested.

### 1. ALLOWABLE SUBJECT MATTER (OBJECTION TO CLAIMS 11-20):

In items 5 and 6 on page 5 of the Office Action dated 30 April 2004 (Paper No./Mail Date 0404) referred to hereinafter as the Office Action of 30 April 2004, claims 11-20 were objected to as "being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims." Applicant respectively traverses the objection. However, to overcome the objection of the Office Action of 20 April 2004, claims 11 and 12 have been rewritten so as to include the limitations of their base claim (claim 1) as written prior to the present Amendment. There were no intervening claims. Thus, Applicant has overcome the objection of the Office Action of 30 April 2004 to claims 11 and 12, and claims 11 and 12 are allowable.

In addition, because dependent claims 13 and 14 each depend from independent claim 12 which is allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claims 13 and 14 and that dependent claims 13 and 14 are also allowable.

Because dependent claims 15, 17, 19, and 20 each depend from independent claim 12 via dependent claim 14, both of which are allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claims 15, 17, 19, and 20 and that dependent claims 15, 17, 19, and 20 are also allowable.

Because dependent claim 16 depends from independent claim 12 via dependent claims 15 and 14, both of which are allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claim 16 and that dependent claim 16 is also allowable.

Because dependent claim 18 depends from independent claim 12 via dependent claims 17 and 14, both of which are allowable, it follows that Applicant has overcome the objection of the Office Action of 30 April 2004 to claim 18 and that dependent claim 18 is

also allowable.

### 2. REJECTION OF CLAIMS 1-7 & 9-10 UNDER U.S.C. § 102(b):

In item 2 on page 2 of the Office Action of 30 April 2004, claims 1-7 and 9-10 were rejected under 35 U.S.C. § 102(b) as being anticipated by Huang in U.S. Patent Number 6,091,253 entitled "Jig for Electrically Bridging Between a Circuit Board and a Tester During Testing of the Circuit Board" hereinafter *Huang*. Applicant respectively traverses.

As stated in MPEP 2131 "To anticipate a claim, the reference must teach every element of the claim." As will be shown in the following paragraphs, *Huang* fails to teach every element of claims 1-7 and 9-10.

### Regarding Rejection of Independent Claim 1 Under 35 U.S.C. § 102(b):

Among other items, *Huang* does not disclose "multiple alignment pins imbedded in the housing and extending external to both first and second sides" which is an element of claim 1 of the Present Application. In the last paragraph of the Office Action of 30 April 2004 it is alleged that in *Huang* "(414, 211P2, the pins 211P2 is extending from the surface of electronic probe 200 into the guide holes 411 and to hole 11, therefore it is embedded in housing 400)". Referring to The American Heritage College Dictionary (Third Edition): Houghton Mifflin Company, Boston, page 448 (1993) (See Exhibit A), the first definition of the verb embed (variation: embed) is "to fix firmly in a surrounding mass; to embed a post in concrete" and the third definition is "To cause to be an integral part of a surrounding whole." Note, for example, that in the Present Application in lines 17-19 on page 7 the pins are imbedded as follows: "In the representative embodiment of Figure 3A, the alignment/retention device 110 is shown with four alignment pins 180 molded into the housing 155 of the alignment/retention device 110 ... ". The pins do NOT move within the housing, they are imbedded as defined in Exhibit A and as used in claim 1 of the Present Application. The Office Action of 30 April 2004 incorrectly uses the verb embed to mean sliding pins into holes. A pin free to slide within a hole is not the same as a pin being imbedded in or integrally a part of a housing.

Thus, Applicant has demonstrated that *Huang* fails to teach every element of claim 1. Because *Huang* fails to teach every element of claim 1 as required by MPEP 2131, *Huang* does not anticipate claim 1. In addition, *Huang* fails to suggest every element of claim 1.

Thus, claim 1 is allowable over Huang.

### Regarding Rejection of Dependent Claims 2-7 & 9-10 Under 35 U.S.C. § 102(b):

Because dependent claims 2-7 and 9-10 depend from independent claim 1, it is noted that dependent claims 2-7 and 9-10 have all the features described above for independent claim 1 as elements. As demonstrated above, independent claim 1 is not anticipated by *Huang*, nor does *Huang* suggest every element of claim 1.

Thus, claims 2-7 and 9-10 are not anticipated by *Huang*, nor does *Huang* suggest every element in each of claims 2-7 and 9-10, and it follows that claims 2-7 and 9-10 are allowable over *Huang*.

### 3. REJECTION OF CLAIM 8 UNDER 35 U.S.C. § 103(a):

In item 4 on page 4 of the Office Action of 30 April 2004, claim 8 was rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over *Huang*. Applicant respectfully traverses.

Referring to MPEP 2142, "To establish a *prima facie* case of obviousness, three basic criteria must be met. First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings. Second, there must be a reasonable expectation of success. Finally, the prior art reference (or references when combined) must teach or suggest all the claim limitations."

### Regarding Rejection of Claims 8 Under 35 U.S.C. § 103(a):

With respect to the rejection of claim 8 under 35 U.S.C. § 103(a), it is noted that dependent claim 8 depends from independent claim 1 via claim 7 and that, as such, dependent claim 8 has all the features described above for claim 1 as elements. As demonstrated above, among other items, *Huang* does not disclose "multiple alignment pins imbedded in the

housing and extending external to both first and second sides" which is an element of claim 1 of the Present Application.

Thus, the cited reference does not teach nor does it suggest all the claim limitations of claim 8 as required by MPEP 2142. As such, claim 8 is not obvious over *Huang*, and it follows that claim 8 is allowable.

### 4. IN CONCLUSION:

Entry of this amendment is respectfully requested. Applicant believes that all claims pending in the Present Application as described above are allowable and that all other issues raised by the Examiner have been rectified. Therefore, Applicant respectfully requests the Examiner to reconsider his rejections and to grant an early allowance.

Respectfully submitted,

Morley C. Tobey, Jr.

Reg. No. 43,955

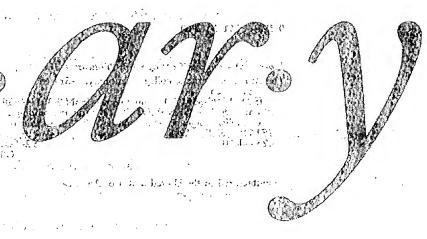
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EXHIBIT A

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# THE AMERICAN HERITAGE COLLEGE DICTIONARY

THIRDEDITION





Boston • New York



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Manufactured in the United States of America

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'op. 56,746. (an) adj. 1. Gk. Myth. Of or relating to Ely-

A. Carly The abode of the blessed dead of the blessed dead of the many in the bode of the blessed dead of cor condition of ideal happiness. [Lat. Elysian cor (pedion), Elysian (fields).]

(b) Odyseus. b. 1911. Greek poet who won legite for literature.

on ) m, pl. -tra (-tra). Either of the leathery or ings. of a beetle or a related insect, serving to i hind wings used in flight. |NLat. < Gk. Sec. wel.-2. | = el/y-troid (-troid) adj. e. letter m. 2. Print. a. The width of a square set as a unit of measure for matter set in that Such a measure for 12-point type;; a pica. tromagnetic. 2. Electron microscope. 3. En-

eer of Mines.

formal. Them. [< ME hem < OE him, heom, intr.v. -at-ed. -at-ing. or become extremely thin, as by starvation sative pl. of he, he. See HE<sup>1</sup>.] mā'shē-āt') tr. & intr.u. -?

emaciāle:: ē. ex., intensive pref.; see ex. + e thin (< macer, thin; see māk-").] — e:ma'

or e-mail Comp. Sci. See electronic mail. E-mail-ing. E-mails or e-mailed or e-mail

(the being gent of n. p. oi lilangeni.

-nat') intr. & tr.v. -nat'ed. -nat'ing.
or send forth, as from a source. See Syns at and re, endands, to flow out: \(\varepsilon\), ex. ex. ex. +

- em'a na'the adj.
n'-na's han' n. 1. The act of an instance of something that issues from a source; an emis wiscope of radon. No longer in scientific hand. and send electronic mail.

et from bondage, oppression, or restraint; To release (a child) from the control of par-n. [Lat. mancipäre, émancipäre, ex., ex. ownership (< manceps, purchaser; see man'dipa'the, y'ry (-pa'ton n. = e-man'di-pa'the, y'ry (-pa-tor'č, tōr'č) adj. - e-man'di-(I-mān/sə-pāt/) tr.v. -pat-ed. -pat-ing.

-nar'j-nit, -nat') adj. Bot. Having a shaltip. [Lat. emarginātus, p.part. of ēmargināre, away : ē., ex., ex. + margō, margin-, mar-— e-mar/gl-na/tton (-na/shan) mas/ky>lar/) tru. -lat-ed. -lat-ing.-lates.
To deprive of strength or vigor, weaken, rived of virility, strength, or vigor, lat. nived of virility, strength, or vigor. Lat.

culât : ē', ex', ex' + masculus, male, dim.

in.] — e-mas'cu-la'tion n. — e-mas'cu--e-mas/cu 1) tr.v. -balmed. -balm · ing. -balms, 1. To rith preservatives in order to prevent decay. In change or oblivion; preserve or fix. 3. To to; perfume. [ME-embaumen < OFt. em-sec EN-1 + basme, balm; sec EN-1 - em-

cu·la·to'ry (·la·tôr'ĕ, ·tôr'ē) adj. -e·

k!) tr.u. -banked, -bank · ing. -banks. To arthor stone built to hold back water or n-bangk/ment) n. 1. The act of embanking.

exement of merchant ships into or out of its bition by a government on certain or all

em's] – em'bar-kar uun, em van.
em-bar-rass (im-băr's) rru. -rassed, -rass-ing, -ras1. To cause to feel self-conscious or ill ar ass; dispersion of the conscious of barrare, to block, bar : in-, in (< Lat.; see Ex-1) +
barrar, bar.] - em-bar rassed · ly adv. - em-bar.

Ing-ty acto.

em-bar-vas-mont (im-bar-sa-mont) n. 1. The act or stance of embarrassing. Z. The state of being embarrassing. S. A source of embarrassment. 4. An oversbundance. em-bassage (im-ba-sij) n. Archaic. An embass. Mac ambassade (office or function of an ambassader, poss. Mac ambassade (office), uit. < Med.Lat. ambactisit. of miss.

Lat ambactus, servant. See ag-1

em-bas-sy (en/b-se) n. pl. sles. I. A building composition of an ambassador and sraft. Z. The position of the offices of an ambassador. 3. A mission to it on accomposition of assignment of an ambassador. 3. A mission to cign government headed by an ambassador. 4. A stiffing monatic representatives headed by an ambassador. (ambassy, office or function of an ambassador of composition of the compos em-bay (em-ba') tr.u. -bayed. -bay-ing. -bays. To put the

or detain in a bay.

em·bay·ment (ém·ba'/man), n. 1. A bay or baylike.

2. The formation of a bay.

em·bed (ēm·bēd') also Im·bed (fm·) – u. -bed-ded ding. -beds. – tr. 1. To fix firmly in a surrounding

wings, "west," — Ir. I. Io inx intmy in a surrounding emitted a post in concrete. Z. To enclose snugly of finite cause to be an integral part of a surrounding whole — To become embedded. — em-bed ment m.

To become embedded. — em-bed ment m.

To be lish (ām-bel rish) "tr. v. lished. —lish-ing, lished. —lish (ām-bel rish) "tr. v. lished. —lish-ing, lished. —lish camped and ornamental or fictitious details to (a story, for earned) [ME embelsisher — Orn. bel lish "em to fictious details to (a story, for earned) pref.; see sw. 1 + bed, beautiful (< Lat. bellus; see lish "em to bel lish "ment (ien-bel rish-mnt) n. 1. The actoric menbellishes. 3. Mus. A note that embellishes a melodic embel fisher. 3. Mus. A note that embellishes a melodic em ber (fin bar) n. 1. A small glowing piece of coallows as in a dying fire. E merber. The smoldering coalores a dying fire. Lember. A lish smoldering coalores a dying fire. [ME ember < OE Emerge.]

Em-ber Day (êm bar) n. A day for payer and fasting of Christian eturches, osbestred on the Wednesday, Firing after Spetember 14, and after December 13. [ME ying of the coal new to we nave]

dizg, day; see Day.]
em-bez-zle (em-bez-3l) 1r.v. -zled, -zling, -zles. To utsiller, for example) for one's own use in violation of a rest embesilen < AN enbesiler: OFr. er., intensive prefiger. + OFr. besillier, to ravage.] — em-bez/zle-menting.

em-bit-ter (ån-bit-ar) tr.v. -tered, -ter-ing, -ters. 1310 bitter in flavor. 2. To arouse bitter feelings in: was a by years of unrewarded labor. — em-bit-ter-memio, em-bitare (fam-bit) tr.v. -blazed, -blaz-ing, -blaz-ser on fre. 2. Tr.v. - blazed, -blaz-ing, -blaz-

set on fire. 2. To cause to glow; light up.

em-blaze² (sm-blaz¹) r.r., -blazed, -blaz¹ing, -blaze

chaic. 1. To emblazon. 2. To decorate lavishly.

em-blazon (sm-blaz an) r.r., -zoned, -ozo¹ing)

1.a. To adom (a surface) richly with prominent

b. To inscribe (a prominent marking) on a surface;

colors. 3. To make illustrious; celebrate. – em-blaze

colors. 3. To make illustrious; celebrate. – em-blaze -em·bla/zon·ment n.

em-bla-zon-ry (èm-blaz' an-re) n., pl. -ries. 1. The of emblazoning. Z. Colorful or prominent decoration bem blem (£m/blam) n. 1. An object or a representation as a symbol. Z. A distinctive badge, design vice. 3. An allegorical picture usu, inscribed with

The control of the co

em·broi-der (im-broi/dar) v. dered. der·ling. ders. – tr.

1. To omament with needlework. Z. To make by means of needlework: embroider a design. 3. To add embellishments of the truth. — intr. 1. To make medlework. brouder the truth. — intr. 1. To make needlework. brouder to the truth. To make needlework. brouden, embroideren parthy < embroyden, p.par. to brogdan; p.anique, embroidered < OE OFt. embroider (em., intensive preis, see ne., at broader, brosento em. broider, of Gmc. origh.) — em·broi derse n. embroidering Z. Omamentation of fabric with needlework of the dersile of the derse of embroidering Z. Omamentation of fabric with needlework of the dersile.

emblements emergent

em·broll (ĕm-broil/) .tr.v. -brolled, -broll·lng, -broils.

involve in argument, contention, or hostile actions. 2. To throw into conhision or disorder; entangle. [Fr. embrouiller er., intensive pret; see m-1+b frouiller, to confuse (<OFr, see  $moa_1$ ] —  $em \cdot broll/ment_n$ .

em-brown (the bround) rise. -browned. -brown-ing. -browns.

1. To make brown or dusky. 2. To darken.

1. To make brown or dusky. 2. To darken.

em-brue (fm-brood) n. var. of imbrue.

em-bry. of the brood) n. var. of imbrue.

stages of development, esp. before it has reached a recognizate form. b. An organism at any time before full development, producting 2.a. The fertilized egg of a vertebrate animal following cleavage. b. In human beings, the product of conception from implantation through the eighth week of development. 3. Box. The redimentary plant contained within a seed or an archegonium. 4. A rudimentary or beginning stage. [Med.Lat. embryō < Gk. embrion : en., in; see Ex-2 +

bruein, to be full to butsting.]

em-bry-orgen-e-sis (em bre-o-jen/f-sis) also em-bry-ogen-bry-o-gen-e-sis (em bre-o-jen/f-sis) also em-bry-ogbryo. — em bry-o-gen/fe (-jen/fik), em/bry-o-gen/fe (-jen/fik), em/bry-o-geneet/fe

em. bry.ol.o.gy (em/bre.ol/--je) m. 1. The branch of biology that deals with the formation, early growth, and development of living organisms. 2. The embryonic structure or development of a particular organism. — em/bry.o.log/ie.cal.olg/ie.li/), em/bry.o.log/ie.cal.olg/ie.di/i-em/bry.o.log/ie.di/i-

nal) adi 1. Of, relating to, or being an embryo. Z. Also em-bry-or-ic (-&r-fa), Rudimentary; incipient: an embryonic na-fion. — em'bry-on'ic-al-ty, adu. embryonic disk n. 1. A platelike mass of cells in the blastocyst em·bry·on·ic (em bre-on/ik) also em·bry·on·ai (em/bre-

from which a mammalian embryo develops. 2. See germinal

closely associated with or surrounding a vertebrate embryo, including the amnion, chorion, allantois, and yolk sac. embryonic shield n. See embryonic disk 1.

Which the embryo develops.

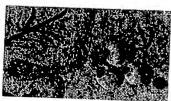
em cee (En/se/) n. A master of ceremonies. — em/cee/ u. eme suff A distinctive unit of linguistic structure. semanteme. [Er. eme suff A distinctive unit of linguistic structure. semanteme. e-mend (f-mind of) n. u. e-mend e-e. mend f-mind of) n. u. e-mend e-e. mend f-mind of) n. u. e-mend e-e. mend f-mind of n. u. e-mend e-e. mend f-mind of n. u. e-mend e-e. mend f-embrase. embryonic membrane'n. Any of the membranous structures

To improve by critical claims [AE emend-ing e-mends.]

To improve by critical claims [AE emender] clai emendare

The min-date (claims-dat', 'min', 'u., 'dat'ed, 'dat'ing, 'dates.' To make creation corrections in [Lat emendar, 'or make creation corrections in [Lat emendar, 'or man (art) (min' dat') (min', 'dat'ed, 'dat'ing, 'dat') (min' dat') (min') (min' dat') (min') (min' dat') (min') (min' dat') (min') (min

e-mer-gence (1-mür/jans) n. 1: The act or process of emerg-ing. 2. Bot. A superficial outgrowth of plant ussue. e-mer-gen-cy (Fmür/jan-ső) n., pl. cles. 1. A serious situa-tion or occurrence that happens unexpectedly and demands immediate action, 2. A condition of urgent need for action or assistance, 3.—adi; Formes during assistance,



a pat a pay a father c bet pot